In the claims:

1. (Amended) A process for the manufacture of 1,1,3,3,3-pentafluoropropene comprising reacting a reactant comprising ~~at least one of 1-chloro-1,1,3,3,3-pentafluoropropane and~~ 1,1,1,3,3,3-hexafluoropropane and optionally additionally 1-chloro-1,1,3,3,3-pentafluoropropane, with a caustic under conditions sufficient to ~~dehydrochlorinate 1-chloro-1,1,3,3,3-pentafluoropropane and/or to~~ dehydrofluorinate 1,1,1,3,3,3-hexafluoropropane and optionally additionally dehydrochlorinate 1-chloro-1,1,3,3,3-pentafluoropropane, to form a reaction product which comprises 1,1,3,3,3-pentafluoropropene.

2. (Original) The process of claim 1 further comprising the subsequent step of purifying the resulting 1,1,3,3,3-pentafluoropropene.

3. (Original) The process of claim 1 further comprising the subsequent step of purifying the resulting 1,1,3,3,3-pentafluoropropene by washing with a caustic solution, drying and distilling.

4. (Amended) The process of claim 1 wherein the reactant ~~comprises~~ does not comprise 1-chloro-1,1,3,3,3-pentafluoropropane.

5. (Canceled).

6. (Original) The process of claim 1 wherein the reactant comprises both 1-chloro-1,1,3,3,3-pentafluoropropane and 1,1,1,3,3,3-hexafluoropropane.

7. (Original) The process of claim 1 wherein said caustic comprises NaOH , KOH, $Ca(OH)_2$, CaO or combinations thereof.

PATENT APPLICATION FEE DETERMINATION RECORD
Effective January 1, 2003

Application or Docket Number

M?OPSO3 4
1?O1671 810

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	68	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	68 minus 20=	* 48
INDEPENDENT CLAIMS	2 minus 3 =	* —
MULTIPLE DEPENDENT CLAIM PRESENT		☐

SMALL ENTITY TYPE ☐		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
BASIC FEE	375.00	OR	BASIC FEE	750.00
X$ 9=		OR	X$18=	864
X42=		OR	X84=	
+140=		OR	+280=	
TOTAL		OR	TOTAL	1614

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II 4/19/05

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	* 73	Minus	** 68	= 5
Independent	* 4	Minus	*** 3	= 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18= ~~50~~	250
X42=		OR	X84= ~~200~~	200
+140=		OR	+280=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	450

pd

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X42=		OR	X84=	
+140=		OR	+280=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X42=		OR	X84=	
+140=		OR	+280=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
   The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.